

**Joëlle Marie Sweeney**  
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## EDUCATION

- **Moss Landing Marine Laboratories**, Moss Landing, CA  
Marine Science Masters *Jan 2003 - Present*
- **U.C. Berkley**, Berkley, CA; Intro to Human Physiology *Sept 2000 - Dec 2000*
- **Boston College**, Chestnut Hill, MA B.S. pre-veterinary Biology *Jan 1995 - May 1998*
- **Seton Hall University**, South Orange, NJ *Summer 1995*
- **Wittenberg University**, Springfield, OH Award: Alpha, Lambda, Delta *1993 - 1994*

## SYMPOSIA PRESENTATIONS

- **Variables affecting hard part recovery from scats and spews of California sea lion (*Zalophus californianus*)**  
**Joelle M. Sweeney and James T. Harvey**  
San Francisco State University Graduate Work Showcase, SF, CA *May 11, 2006*  
Monterey Bay National Marine Sanctuary Symposium, Monterey, CA *March 4, 2006*  
The 16th Biennial Conference on the Biology of Marine Mammals, San Diego, CA *Dec 12-16, 2005*
- **Disinfection By-Product (Trihalomethane) in a pinniped rehabilitation facility**  
**Alex Chow, Joelle Sweeney, Ronald Smith, Frances Gulland, and Jonna Mazet**  
Sixth The International Aquarium Congress, Monterey, CA *Dec 5 - 10, 2004*

## MARINE RESEARCH EXPERIENCE

- **Seabird Health Study, California Fish and Game**, Santa Cruz, CA *Jan 2005 - Present*
  - Necropsy Technician: perform necropsies on sea birds found dead along U.S. Pacific Coast; obtain survey tissues and organs, record necropsy findings.
  - Pathology Technician: prepare tissues for preparation of histological slides
- **Storm Petrel Population Survey, USGS**, Channel Islands, CA *Summer 2006*
  - Assistant: Capture, record morphological measurements, obtain blood samples for ongoing USGS survey
- **The Marine Mammal Center**, Sausalito, CA *Dec 2002 - Aug 2005*  
**Research Associate**
  - Conduct captive California sea lion feed study
  - Perform necropsies and obtain marine mammal specimen (hard parts, tissue, and fluid) for distribution to research and educational facilities.
  - Skills gained: elephant seal and California sea lion venipuncture; interpreting bacterial plates for water quality.

## RESEARCH EXPERIENCE

- **Scientific Research; Assistant**
  - Radio telemetry project assessing accuracy of aerial assessments of harbor seal populations
  - Tag sooty shearwater to study trans-Pacific migration from Monterey Bay to New Zealand
  - Marine Mammal Stranding Network: record data of dead marine mammals on Monterey Bay beaches; marine mammal (pinniped and cetacean) necropsies

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## **RESEARCH EXPERIENCE (CONT.)**

- BeachCOMBER beach surveys: semimonthly recording of beach-cast seabirds and marine mammals
- Elkhorn Slough National Estuarine Research Reserve seasonal avian abundance surveys
- Marine mammal surveys: Wind to Whales: assessing marine mammal and bird abundance in Monterey Bay
- Assist in fishing for and tagging Lingcod to study movement in Stillwater Cove
- Salamander seining: Amphibian assessment for wetland restoration designation around Salinas River estuarine system
- Capture, tag, and track Eastern Pacific green turtle movement in Bahia de Magdalena
- Wildlife Care and Rehabilitation: Western Australia and Queensland, Australia

## **COMMUNITY SERVICE**

- **Moss Landing Marine Lab (MLML)**

Academic Curriculum Committee: Student Representative	<b>2006</b>
MLML Open House/ 40th year Celebration: Committee Head- Bake Sale	<b>2006</b>
MLML 40th year Alumni BBQ: Volunteer	<b>2006</b>
MLML Open House	<b>Participated since 2004</b>

- **Assistant Animal Care Supervisor; Volunteer** *June 2000- March 2004*

- Pinniped Husbandry: Prepare feed, administer medication and subcutaneous fluids, feed animals, clean enclosures, weigh, tube feed; Restrain and handle: California sea lions, elephant seals, Stellar sea lions, fur seals.
- Cetacean Husbandry: Monitor cetacean's behavior, respiratory and heart rate, feed, medicate, and restrain.

## **OTHER SKILLS**

- **Teaching and Curriculum Development**

The Newark Museum, Newark, NJ  
- Developed biology and ecology programs and taught these programs to students grades 2 – 12, including special needs children

- **Certifications**

NAUI scientific diver certified, Nitrox diver certified, PADI SCUBA certified  
Wilderness First Responder, Professional CPR  
MLML Small Boat Operations

- **Languages:** French and Spanish.

- **Interests**

Photography, Yoga, Sustainable Living, Backpacking, Mountain and Road Biking, Astronomy, Skiing, Gardening, Nutrition, Triathlons